

METHOD AND APPARATUS FOR A CABLE TV SERVER

ABSTRACT

The present invention provides a method and apparatus for providing low bandwidth and low cost content to cable television subscribers. The apparatus
5 involves an inexpensive web content server which can be integrated with existing cable headends and which can deliver up to 50 discrete digital channels on a single 6MHz bandwidth slot. The web content server includes an administrative tool which allows quick provisioning and configuring of existing channels. The web content server generates set of browser instances with each browser instance cycling through its own
10 unique set of web pages. The web pages may be stored locally on the web content server or located globally on the Internet or other wide area network (WAN) or local area network (LAN). The web server periodically captures digital images corresponding with each of the browser images and individually processes each as a discrete digital channel. The digital channels are multiplexed onto a single 6MHz
15 analog channel. At the set top box or the TV itself each image stream corresponding with each browser instance is presented to the subscriber as a separately selectable channel. The content may be used to deliver any information currently available on the Internet.